

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/779,917  
Source: 1FW/6  
Date Processed by STIC: 3/29/05

# ***ENTERED***

# CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/779,917

CRF Edit Date: 3/29/05  
Edited by: AW

\_\_\_ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:  
\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:  
\_\_\_\_\_

\_\_\_ Deleted: \_\_\_ invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:  
\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:  
\_\_\_\_\_

✓  
\_\_\_ Other: Sequence 2 - replaced "!" with "I" in  
<2237 response



IFW16

## RAW SEQUENCE LISTING

DATE: 03/29/2005

PATENT APPLICATION: US/10/779,917

TIME: 18:11:47

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03292005\J779917.raw

3 <110> APPLICANT: Allbritton, Nancy  
 4 Sims, Christopher  
 6 <120> TITLE OF INVENTION: Method and Apparatus for Detecting Cancerous Cells Using  
 Molecules That  
 7 Change Electrophoretic Mobility  
 W--> 8 <130> FILE REFERENCE: CAL01-001-DIV-US  
 10 <140> CURRENT APPLICATION NUMBER: 10/779,917  
 11 <141> CURRENT FILING DATE: 2004-02-17  
 13 <150> PRIOR APPLICATION NUMBER: 09/859,650  
 14 <151> PRIOR FILING DATE: 2001-08-30  
 16 <150> PRIOR APPLICATION NUMBER: US 09/353,504  
 17 <151> PRIOR FILING DATE: 1999-07-21  
 19 <150> PRIOR APPLICATION NUMBER: US 09/036,706  
 20 <151> PRIOR FILING DATE: 1998-03-06  
 22 <160> NUMBER OF SEQ ID NOS: 4  
 24 <170> SOFTWARE: PatentIn version 3.1  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 13  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Artificial  
 31 <220> FEATURE:  
 32 <223> OTHER INFORMATION: Consensus inhibitor sequence from Protein Kinase C  
 34 <400> SEQUENCE: 1  
 36 Arg Phe Ala Arg Lys Gly Ala Leu Arg Gln Lys Asn Val  
 37 1 5 10  
 40 <210> SEQ ID NO: 2  
 41 <211> LENGTH: 13  
 42 <212> TYPE: PRT  
 43 <213> ORGANISM: Artificial  
 45 <220> FEATURE:  
 46 <223> OTHER INFORMATION: Modified version of SEQ ID NO:1 (serine replaces alanine)  
 which a  
 47 cts as reported molecule for protein kinase c.  
 49 <400> SEQUENCE: 2  
 51 Arg Phe Ala Arg Lys Gly Ser Leu Arg Gln Lys Asn Val  
 52 1 5 10  
 55 <210> SEQ ID NO: 3  
 56 <211> LENGTH: 13  
 57 <212> TYPE: PRT  
 58 <213> ORGANISM: Artificial  
 60 <220> FEATURE:  
 61 <223> OTHER INFORMATION: based on phosphorylation site of delta-CREB (Colbran et  
 al., Biochem  
 62 em. Cell Bio. 70:1277-82 (1992))

64 <400> SEQUENCE: 3

66 Lys Arg Arg Glu Ile Leu Ser Arg Arg Pro Ser Tyr Arg

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67 1 5 10  
70 <210> SEQ ID NO: 4  
71 <211> LENGTH: 12  
72 <212> TYPE: PRT  
73 <213> ORGANISM: artificial  
75 <220> FEATURE:  
76 <223> OTHER INFORMATION: consensus phosphorylation site and reporter for cdc2 kinase.

(Sri

77 nivasan et al, Biochemical J. 309:927-31 (1995)).  
79 <400> SEQUENCE: 4  
81 Gly Gly Gly Arg Ser Pro Gly Arg Arg Arg Arg Lys  
82 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 03/29/2005

PATENT APPLICATION: US/10/779,917

TIME: 18:11:48

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03292005\J779917.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4

**VERIFICATION SUMMARY**

**PATENT APPLICATION: US/10/779,917**

**DATE: 03/29/2005**

**TIME: 18:11:48**

**Input Set : A:\PTO.AMC.txt**

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**L:8 M:283 W: Missing Blank Line separator, <130> field identifier**



IFW16

## RAW SEQUENCE LISTING

DATE: 03/29/2005

PATENT APPLICATION: US/10/779,917

TIME: 11:47:46

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\03292005\J779917.raw

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 4 Sims, Christopher  
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 62 em. Cell Bio. 70:1277-82 (1992))

Does Not Comply  
 Corrected Diskette Needed

1  
 1



64 <400> SEQUENCE: 3

66 Lys Arg Arg Glu Ile Leu Ser Arg Arg Pro Ser Tyr Arg

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